FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE				APPLICA	APPLICATION NO.: 10/644,267		ATTY. DOCKET NO.: 00277.70001US00			
				FILING	FILING DATE: August 20, 2003 CONFIRM.		TION NO.: 6263			
			PLICANT	APPLICA	ANT: Heather Lynn Davis et al.					
Sheet 1 of 2			2	GROUP	GROUP ART UNIT: 1632		EXAMINER: Anne Marie Falk			
•		•	•	H.C.		•				
	\top	II	.S. Patent Docun		PATENT DOCUMENTS		Date of Publicat	ion or Issue		
Examiner's Initials #	Cite No.	Number		Kind Code	Document	of Cited of Cited Document MM-DD-YYYY		cument		
	4,592,742 Landau		Landau			06-03-1986				
	•			FOREIG						
	Τ	For	eign Patent Docu		GN PATENT DOCUMENTS		Date of			
Examiner's Initials #	Cite No.	Office/ Country	Number	Kind Code	Name of Patentee or Applicar Document	nt of Cited	ted Publication of Cited Document MM-DD-YYYY	Translation (Y/N)		
		EP	0 156 712	A1	GRP Genie Genetique		10-02-1985			
		EP	0 185 573	A1	Institut Pasteur		06-25-1986			
		WO	92/06212	A1	Smithkline Beecham Corp.		04-16-1992			
		WO	93/09236	A1	Baylor College of Medicine		05-13-1993			
		WO	93/17111	A1	The Wellcome Foundation Ltd	l.	09-02-1993	-		
		WO	95/11307	A1	Institut Pasteur		04-27-1995			
			ОТИЕВ	ADT NON	PATENT LITERATURE DOCU	MENTS				
Examiner's	Cite	Include 1			AL LETTERS), title of the article (w		e), title of the item	Translation		
Initials #	No	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
		[No Author Listed] Diagram and sequence of GenBank retrieved sequence equivalent to fragment								
		carrying the HSV TK gene in Kit et al., 1980 Nucl Acid Res 8(22):5233-53.								
		[No Author Listed] Free DNA Vaccine Plasmids: pRC/CMV-HBs(S).								
	+	http:///www.aldevron.com/FreeDNA. [No Author Listed] Free DNA Vaccine Plasmids: pRc/CMV-HBs(S).								
			w.aldevron.com			•				
					ine Plasmids: pCMVHB-S2S.					
		http://www.aldevron.com/FreeDNA/PCMV-M.								
		[No Author Listed] Sequence alignment of Crowley et al. fragment, the AM295797 fragment and of								
		the Institut Pasteur plasmid HBsAg fragment. [No Author Listed] Sequence of Hepatitis B S antigen gene fragment present in construct of								
		Crowley et al. (1983) Molecular and Cellular Biology, Vol 3(1):44-55.								
					ent regulation of vascular endoth	_				
		Sep;2(3):		n by a plasm	nid-based autoinducible geneswit	ch system. M	of Ther. 2000			
	+			mers that e	nhance the performance of HbsA	g DNA in viv	vo. Vaccine. 2004			
		Dec 9;23	(4):460-9.		<u>-</u>					
		CHEN et al., [Construction of HBV S gene recombinant and its immunity induced in mice]. Zhejiang Da Xue Xue Bao Yi Xue Ban. 2002 Aug;31(6):440-443. Chinese. CHENG et al., In vivo promoter activity and transgene expression in mammalian somatic tissues								
	+									
					ment. Proc Natl Acad Sci U S A					
EXAMINER		•	, 01		DATE CONSIDERED:		. , , ,			
					L DUTTE CONSIDEIVED					

[#] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO	D-1449/ A and B (m	nodifie	1 PTO/SR/08)	APPLICATION NO.: 10/644,267	ATTY. DOCKET NO.: 00277.70001US00	
	·			FILING DATE: August 20, 2003	CONFIRMATION NO.: 6263	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Heather Lynn Davis et al.		
Clarat			2	GROUP ART UNIT: 1632	EXAMINER: Anne Marie Falk	
Sheet	2	of	2			

CONN et al., Delivery of pCMV-S DNA using the Helios gene gun system is superior to
intramuscular injection in Balb/c mice. BioRad Tech Note 2726. COX et al., Bovine herpesvirus 1: immune responses in mice and cattle injected with plasmid DNA.
J Virol. 1993 Sep;67(9):5664-7.
CROWLEY et al., Plasmid-directed synthesis of hepatitis B surface antigen in monkey cells. Mol Cell Biol. 1983 Jan;3(1):44-55.
DAVIS et al., DNA-mediated immunization to hepatitis B surface antigen; longevity of primary response and effect of boost. Vaccine. 1996 Jun;14(9):910-5.
IWARSON et al., Protection against hepatitis B virus infection by immunization with hepatitis B core antigen. Gastroenterology. 1985 Mar;88(3):763-7.
JAZAYERI et al., HBV core sequence: definition of genotype-specific variability and correlation with geographical origin. J Viral Hepat. 2004 Nov;11(6):488-501.
KIM et al., Induction of immunity against hepatitis B virus surface antigen by intranasal DNA vaccination using a cationic emulsion as a mucosal gene carrier. Mol Cells. 2006 Oct 31;22(2):175-81. Abstract only.
MANCINI et al., DNA-mediated immunization in a transgenic mouse model of the hepatitis B surface antigen chronic carrier state. Proc Natl Acad Sci U S A. 1996 Oct 29;93(22):12496-501.
MENNE et al., The woodchuck as an animal model for pathogenesis and therapy of chronic hepatitis B virus infection. World J Gastroenterol. 2007 Jan 7;13(1):104-24.
MICHEL et al., Induction of anti-human immunodeficiency virus (HIV) neutralizing antibodies in rabbits immunized with recombinant HIVhepatitis B surface antigen particles. Proc Natl Acad Sci U S A. 1988 Nov;85(21):7957-61.
MILICH et al., Antibody production to the nucleocapsid and envelope of the hepatitis B virus primed by a single synthetic T cell site. Nature. 1987 Oct 8-14;329(6139):547-9.
MURRAY et al., Protective immunisation against hepatitis B with an internal antigen of the virus. J Med Virol. 1987 Oct;23(2):101-7.
SAMANTA et al., Expression of hepatitis B virus surface antigen containing the pre-S region in mammalian cell culture system. Vaccine. 1989 Feb;7(1):69-76.
SCHLIENGER et al., Human immunodeficiency virus type 1 major neutralizing determinant exposed on hepatitis B surface antigen particles is highly immunogenic in primates. J Virol. 1992 Apr;66(4):2570-6.
SIDDIQUI et al., Expression of the hepatitis B virus X gene in mammalian cells. Proc Natl Acad Sci U S A. 1987 Apr;84(8):2513-7.
SIMONSEN et al., Analysis of processing and polyadenylation signals of the hepatitis B virus surface antigen gene by using simian virus 40-hepatitis B virus chimeric plasmids. Mol Cell Biol. 1983 Dec;3(12):2250-8.
WELLS, Improved gene transfer by direct plasmid injection associated with regeneration in mouse skeletal muscle. FEBS Lett. 1993 Oct 11;332(1-2):179-82.
ZELENIN et al., Bacterial beta-galactosidase and human dystrophin genes are expressed in mouse skeletal muscle fibers after ballistic transfection. FEBS Lett. 1997 Sep 8;414(2):319-22.

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]

EXAMINER:	DATE CONSIDERED:

[#] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.